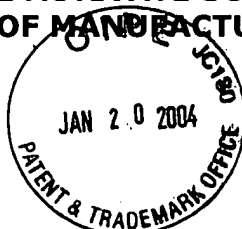


# METHOD TO MANUFACTURE ACTIVE SUBSTANCE FOR POSITIVE ELECTRODE AND METHOD OF MANUFACTURING NON AQUEOUS ELECTROLYTE CELL

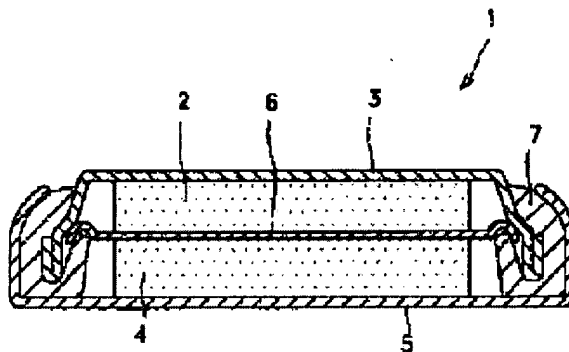


**Patent number:** JP2001250555  
**Publication date:** 2001-09-14  
**Inventor:** HOSOYA MAMORU; TAKAHASHI KIMIO; MIYAKI YUKIO; FUKUSHIMA GEN  
**Applicant:** SONY CORP  
**Classification:**  
- International: H01M4/58; C01B25/45; H01M4/02; H01M10/40  
- european:  
**Application number:** JP20000065771 20000306  
**Priority number(s):**

## Abstract of JP2001250555

**PROBLEM TO BE SOLVED:** To provide a  $\text{LiFePO}_4$  in a high yield without generating a toxic byproduct in a baking process.

**SOLUTION:** The method to manufacture a positive electrode active substance represented in the formula  $\text{Li}_x\text{FePO}_4$  ( $0 < x \leq 1$ ) is composed of a mixing process to make a precursor, by mixing  $\text{Li}_3\text{PO}_4$  and  $\text{Fe}_3(\text{PO}_4)_2$  or its hydrate,  $\text{Fe}_3(\text{PO}_4)_2 \cdot n\text{H}_2\text{O}$  ( $n$  is hydration number) and a baking process to bake the precursor available in the mixing process.



Data supplied from the esp@cenet database - Patent Abstracts of Japan

BEST AVAILABLE COPY